

## Synthesis of cyclic sulfonamides by reaction of N-Sulfinyl-3-(trifluoromethyl)aniline with Norbornenes

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### Abstract

© Pleiades Publishing, Ltd., 2016. N-Sulfinyl-3-(trifluoromethyl)aniline reacted with bicyclo[2.2.1]hept-2-ene and bicyclo[2.2.1]hepta-2,5-diene to give the corresponding Diels–Alder adducts which were oxidized to 8-trifluoromethyl-2,3,4,4a,6,10b-hexahydro-5λ6-1,4-methanodibenzo[c,e][1,2]thiazine-5,5(1H)-diones. The cycloaddition occurred predominantly with participation of the S=N–C1=C6 fragment of N-sulfinyl-3-(trifluoromethyl)aniline and exclusively at the endo side of bicyclo[2.2.1]heptenes.

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